

Amendments to the Drawings:

The attached replacement drawing sheets makes changes to Figs. 1 and 3 and replaces the original sheets with Figs. 1 and 3.

Attachment: Replacement Sheets

REMARKS

Claims 1-22 and 24-27 are pending in this application. By this Amendment, claims 1-2, 4-10, 12-18 and 20-22 are amended; claim 23 is canceled without prejudice to or disclaimer of the subject matter contained therein; and new claims 24-27 are added. Further, Figs. 1 and 3 have been amended. No new matter has been added. Reconsideration is respectfully requested in view of the above amendments and the following remarks.

I. Objection to the Drawings

The Office Action objects to Figs. 1 and 3 because there are not descriptive legends in the boxes. Figs. 1 and 3 have been corrected to obviate the objection. Accordingly, withdrawal of the objection to the drawings is respectfully requested.

II. Rejection Under 35 U.S.C. §112, Second Paragraph

The Office Action rejects claims 10-16 under 35 U.S.C. §112, second paragraph, as being indefinite. Claim 10 has been amended to obviate the rejection. Furthermore, various claims have been amended to correct minor informalities and for clarity, and have not been amended to overcome prior art. Withdrawal of the rejection under 35 U.S.C. §112, second paragraph, is respectfully requested.

III. The Claims Define Patentable Subject Matter

The Office Action rejects claims 1, 9, 17 and 23 under 35 U.S.C. §102(b) over Staiger (PCT Publication WO 98/39861, which is equivalent to U.S. Patent No. 6,628,441); rejects claims 2-3, 10-11, 18-19 and 21-22 under 35 U.S.C. §103(a) over Staiger in view of Matsuda (U.S. Patent No. 5,477,363); rejects claims 2, 4, 7-8, 10, 12, 15-16 and 20 under 35 U.S.C. §103(a) over Staiger in view of Paniccia (U.S. Patent No. 6,374,020); and rejects claims 2, 5-6, 10, 13-14 and 18 under 35 U.S.C. §103(a) over Staiger in view of Feldman et al. (U.S. Patent No. 6,332,050). The rejections are respectfully traversed.

Claim 23 is canceled, and thus the rejection with respect to this claim is now moot.

None of the applied references disclose or suggest an optical transmission section includes one optical bus that can optically transmit respective at least one signal from a plurality of respective radio signal reception sections to the plurality of respective reception signal processing sections, as recited in independent claim 1, and similarly recited in independent claims 9 and 17.

Staiger instead discloses, in Fig. 5 and at col. 6, lines 14-24, that plural one-to-one transmissions (that is, transmission between C and D, and transmission between D and F) can be conducted simultaneously. Staiger also shows that one-to-many transmissions (that is, transmission between A and B, F) can also be conducted. Staiger discloses that information can be transmitted in parallel between the subsystems in this way without any obstruction to the individual transmission links occurring. However, nowhere does Staiger disclose or suggest the optical transmission section includes one optical bus that can optically transmit respective at least one signal from the plurality of respective radio signal reception sections to the plurality of respective reception signal processing sections, as recited in independent claim 1, and similarly recited in independent claims 9 and 17.

Furthermore, neither Matsuda, Paniccia, nor Feldman, individually or in combination, compensates for the above-noted deficiencies of Staiger.

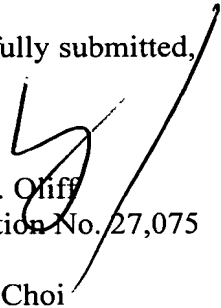
Therefore, independent claims 1, 9 and 17 define patentable subject matter. Claims 2-8, 10-16, 18-22 and 24-27 depend from the respective independent claims, and therefore also define patentable subject matter, as well as for the other features they recite. Accordingly, withdrawal of the rejection under 35 U.S.C. §102(b) and 35 U.S.C. §103(a) is respectfully requested.

IV. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-22 and 24-27 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,


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Attachment:
Replacement Sheets

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